

# Work Order ID 82599

April-03-12 11:27:44 AM

**\*82599\***

Page 1

Item ID: D4008-041 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Fuel Filler Splash Guard Assembly  
 Start Date: 03/04/2012 Start Qty: 2.00 **\*2\*** Cust Item ID:  
 Required Date: 17/04/2012 Req'd Qty: 2.00 **\*2\*** Customer:  
 Reference:

Approvals: Process Plan: MLJ Date: 12/04/03 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4008	C								

100 0.00  
**\*100\***  
 Waterjet  
 FLOW CNC Waterjet  
 6061 0.032  
 Memo  
 1-Cut as per Dwg (D4008-1)  
 Dwg Rev: E  
 Prog Rev: E  
 2-Deburr if necessary  
 (2) Jan / wh / 12-4-15

110 0.00  
**\*110\***  
 QC  
 Quality Control  
 Memo  
 QC2- Inspect parts off machine FAI/FAIB  
 (2) Jan / wh / 12-4-15

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

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 Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 <b>*120*</b> QC Quality Control	QC8- Inspect parts - second check  Memo	0.00 0.00				(x2)			
130 <b>*130*</b> Brake NC Brake NC	Bend as per dwg  Memo Bend D4004-1 as per Dwg	0.00 0.00				(2)			SB 12/04/12
140 <b>*140*</b> QC Quality Control	QC5- Inspect part completeness to step on W/O  Memo	0.00 0.00				(#2)			

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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 Reference:

Approvals: Process Plan: Date: Tooling: Date: Run Start **\*NR1\***  
 QC: Date: SPC (Y/N): Date: Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
150	Chemical Conversion Coat per QSI005 4.1	0.00							
<b>*150*</b>									
HandFinish	Memo	0.00							
Hand Finishing									
155	QC7-Inspect Chemical Conversion Coat	0.00							
<b>*155*</b>									
QC	Memo	0.00							
Quality Control									
156		0.00							
<b>*156*</b>									
Small Fab	Memo	0.00							
Small Fab	INSTALL D4008-1 AS PER DWG								

② 2/6/12 12-4-23

2 0 12-4-24

~~2 0 12-4-25~~

See seq 180

Small Fab  
INSTALL D4008-1 AS PER DWG

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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**NOTE:** Date & initial all entries

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Page 4

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 Revision ID:  
 Item Name: Fuel Filler Splash Guard Assembly  
 Start Date: 03/04/2012 Start Qty: 2.00  
 Required Date: 17/04/2012 Req'd Qty: 2.00  
 Reference:

Accept

**\*N900040100\***

Setup Start **\*NS1\***  
 Stop **\*NS2\***

Cust Item ID:  
 Customer:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

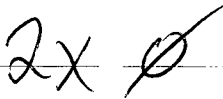
Run Start **\*NR1\***  
 Stop **\*NR2\***

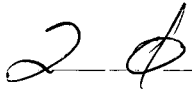

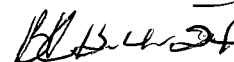
Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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158 <b>*158*</b>	QC5- Inspect part completeness to step on W/O	0.00							
QC	Memo	0.00							
Quality Control									



160 <b>*160*</b>	Gloss Grey (4.3.5.15) per QSI 005 4.3	0.00							
Powdercoat	Memo	0.00							
Powder Coating	***REMOVE PIN PRIOR TO POWDERCOATING***								
	Start Time: 3:30								
	Oven Temperature: 320°F								
	Finish Time: 4:00								

170 <b>*170*</b>	QC3- Inspect Part Finish	0.00							
QC	Memo	0.00							
Quality Control									

2X  12/04/24

2    


# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
12-04-24	150-178	Permanent change part BK assy				 12-04-24		

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



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**\*82599\***

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**Accept**

**\*N900040100\***

```

Setup  Start  *NS1*
        Stop  *NS2*

```

**Cust Item ID:**  
**Customer:**

**Approvals:**      **Process Plan:** \_\_\_\_\_ **Date:** \_\_\_\_\_ **Tooling:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
**QC:** \_\_\_\_\_ **Date:** \_\_\_\_\_ **SPC (Y/N):** \_\_\_\_\_ **Date:** \_\_\_\_\_

Run	Start	*NR1*
	Stop	*NR2*

[illegible]

# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Revision ID: Stop **\*NS2\***  
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Start Date: 03/04/2012 Start Qty: 2.00 **\*2\*** Cust Item ID:  
Required Date: 17/04/2012 Req'd Qty: 2.00 **\*2\*** Customer:  
Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
210	QC21- Final Inspection - Work Order Release	0.00							
<b>*210*</b>									
QC	Memo	0.00							
Quality Control									

12/4/30 *[Signature]*

12-04-27

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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**NOTE:** Date & initial all entries

# Picklist Print

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Page 1

Work Order ID: 82599

\*82599\*

Parent Item: D4008-041

\*D4008-041\*

Parent Item Name: Fuel Filler Splash Guard Assembly

Start Date: 03/04/2012

Required Date: 17/04/2012

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP rev A 10.01.27 New issue Prelim EC verified by:DD IPP Rev:B  
10.05.03 as per ECN10-562 DD verified by:EC IPP REV:C 12.03.07  
AS PER DWG REV.C DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M6061T6S.032		Purchased	No			100	sf	307.0560	0.2735	0.575789			

\*M6061T6S 032\*

6061-T6 Sheet 0.032"

\*\*

Location	Loc Qty	Loc Code
MAT021	307.056	
118106	48.606	
120218	33.77	
120285	43.68	
121099	181	

D3941

Manufactured No

180

f

40.5848

0.21

0.442105

\*\*

\*D3941\*

Rubber Cushion

Location	Loc Qty	Loc Code
ST408A	40.58475	
48512	40.58475	

(2) cut 1.25" long

D4008-5

Manufactured No

156

Each

4.0000

1

2

\*D4008-5\*

Fuel Filler Splash Guard Hinge Half

\*\*

Location	Loc Qty	Loc Code
GA	4	
80628	4	

WMM Jm  
12-4-15

120285  
0.442105  
0.442105

0.442105  
0.442105

2

# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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Page 2

Work Order ID: 82599

\*82599\*

Parent Item: D4008-041

\*D4008-041\*

Parent Item Name: Fuel Filler Splash Guard Assembly

Start Date: 03/04/2012

Required Date: 17/04/2012

Start Qty: 2.00

Required Qty: 2.00

D4008-9  
\*D4008-9\*  
Spring

Manufactured No

180 Each 22.0000 1 2

\*\*

*EP 12/04/25*

Location

Loc Qty

Loc Code

GA

22

70092

2

80632

20

2

D4008-7  
\*D4008-7\*  
Washer

Manufactured No

180 Each 5.0000 2 4

\*\*

*EP 12/04/25*

Location

Loc Qty

Loc Code

GA

5

80629

5

4

MS20470AD3-3  
\*MS20470AD3-3\*  
Rivet, Universal Head

Purchased No

180 Each 9,444.000 5 10

\*\*

*EP 12/04/25*

Location

Loc Qty

Loc Code

ST319

9444

1065

1435

16941

8009

10

MS21042L08  
\*MS21042L08\*  
Nut

Purchased No

180 Each 256.0000 2 4

\*\*

*EP 12/04/25*

Location

Loc Qty

Loc Code

ST300

256

120833

200

121185

56

8

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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# Picklist Print

April-03-12 11:27:47 AM

Page 3

Work Order ID: 82599

Parent Item: D4008-041

Parent Item Name: Fuel Filler Splash Guard Assembly

\*82599\*

\*D4008-041\*

Start Date: 03/04/2012

Required Date: 17/04/2012

Start Qty: 2.00

Required Qty: 2.00

MS35206-S245

Purchased

No

180

Each

37.0000

2

4

**\*MS35206-S245\***

Screw

\*\*

*GP 12/04/25*

Location

Loc Qty

Loc Code

ST294

37

113898

37

NAS1149DN832J

Purchased

No

180

Each

1,694.000

6

12

**\*NAS1149DN832J\***

WASHER

\*\*

*GP 12/04/25*

Location

Loc Qty

Loc Code

ST298

1694

119717

76

120422

1618

*24*

# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

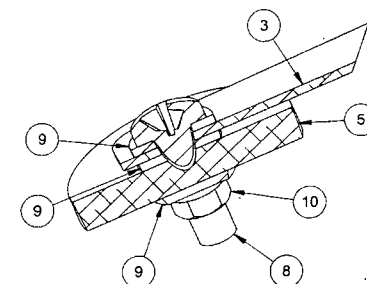
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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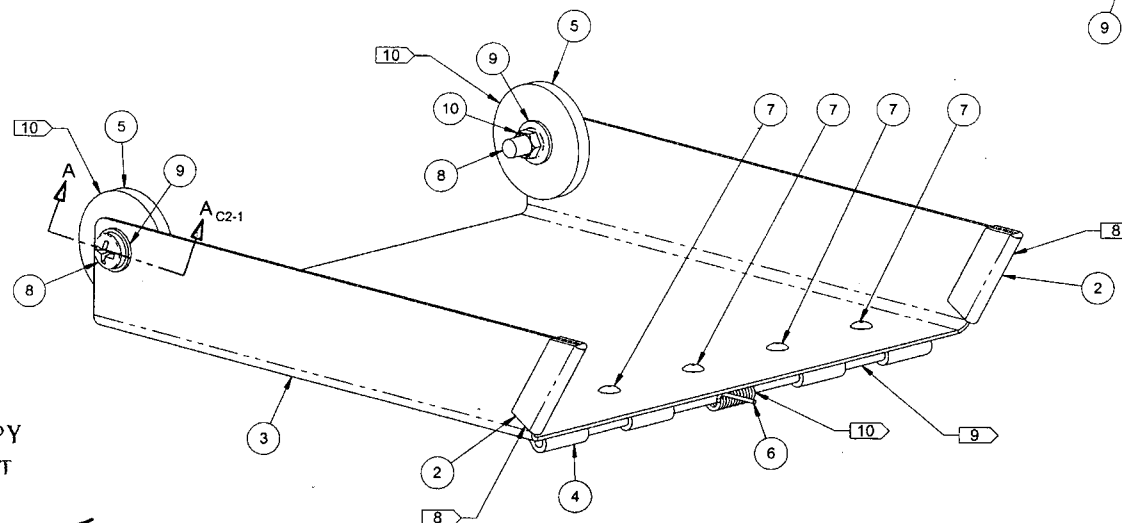
**NOTE:** Date & initial all entries



ITEM NO.	QTY. -041	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X	D4008-041	AUX TANK FILLER SPLASH GUARD ASSEMBLY	JCA-M47-2-26
2	2	D3941-1	RUBBER CUSHION	
3	1	D4008-1	FUEL FILLER SPLASH GUARD CHANNEL	
4	1	D4008-5	HINGE HALF	
5	2	D4008-7	WASHER	
6	1	D4008-9	SPRING	
7	5	MS20470AD3-3	RIVET	
8	2	MS35206S245	SCREW	
9	6	NAS1149DN832J	WASHER	
10	2	MS21042L08	NUT	



**SECTION A-A**  
SCALE: 2X  
B6-1  
TYP



SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE

WORK ORDER  
NO. 82599 MLJ  
12/04/03

**D4008-041 AUX TANK FILLER SPLASH GUARD ASSEMBLY**

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "ANSI 61 GREY" (4.3.5.15) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER DART QSI 044 6.1
- 7) WEIGHT: 0.15 lbs
- 8) ATTACH D3941-1 RUBBER CUSHION USING SILICONE ADHESIVE, TRIM TO FIT, AFTER POWDER COAT
- 9) MASK HINGE PIN AREA BEFORE POWDER COAT
- 10) INSTALL D4008-7 WASHER AND D4008-9 SPRING AFTER POWDER COAT

RELEASED  
2012-03-02

C	CHANGE POWDER COAT FROM "GREY SANDTEX" TO "ANSI 61 GREY", CORRECT MATERIAL ERROR, ZN A7-8 ADD D4597-1 TO D4008-043, ZN C4-2.	DC	12.01.17
B	ADD ALTERNATE RIVETS FOR -043, ZN D7-2	HS	10.11.03
A	NEW ISSUE	HS	10.02.05
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	12.01.17		

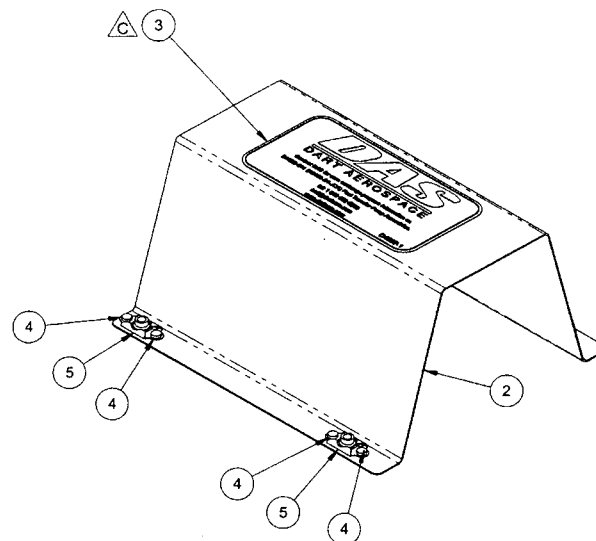
**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D4008** REV. C  
SHEET 1 OF 10  
TITLE **SPLASH GUARD** SCALE NTS

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ITEM NO.	QTY. -043	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X	D4008-043	FUEL PUMP SPLASH GUARD ASSEMBLY	JCA-M47-2-29
2	1	D4008-3	FUEL PUMP SPLASH GUARD COVER	
3	1	D4597-1	PLACARD	
4	8	MS20472M3-3	RIVET	
5	4	MS21060L3	ANCHOR NUT	

82599



**D4008-043 FUEL PUMP SPLASH GUARD ASSEMBLY**

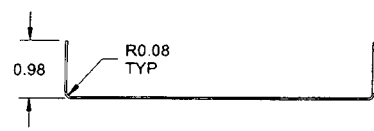
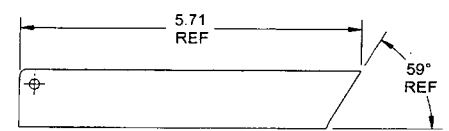
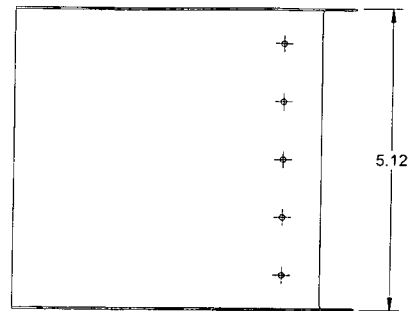
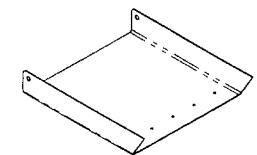
RELEASED  
2012-03-02

**NOTES:**

- 1) MATERIAL:
- 2) FINISH: POWDER COAT "ANSI 61 GREY" (4.3.5.15) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER DART QSI 044 6.1
- 7) WEIGHT: 0.46 lbs

DESIGN		<b>DART AEROSPACE LTD</b>
DRAWN		HAWKESBURY, ONTARIO, CANADA
CHECKED		DRAWING NO. REV. C
MFG. APPR.		D4008 SHEET 2 OF 10
APPROVED		TITLE SCALE
DE APPR.		SPLASH GUARD NTS
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**D4008-1 FUEL FILLER SPLASH GUARD CHANNEL**

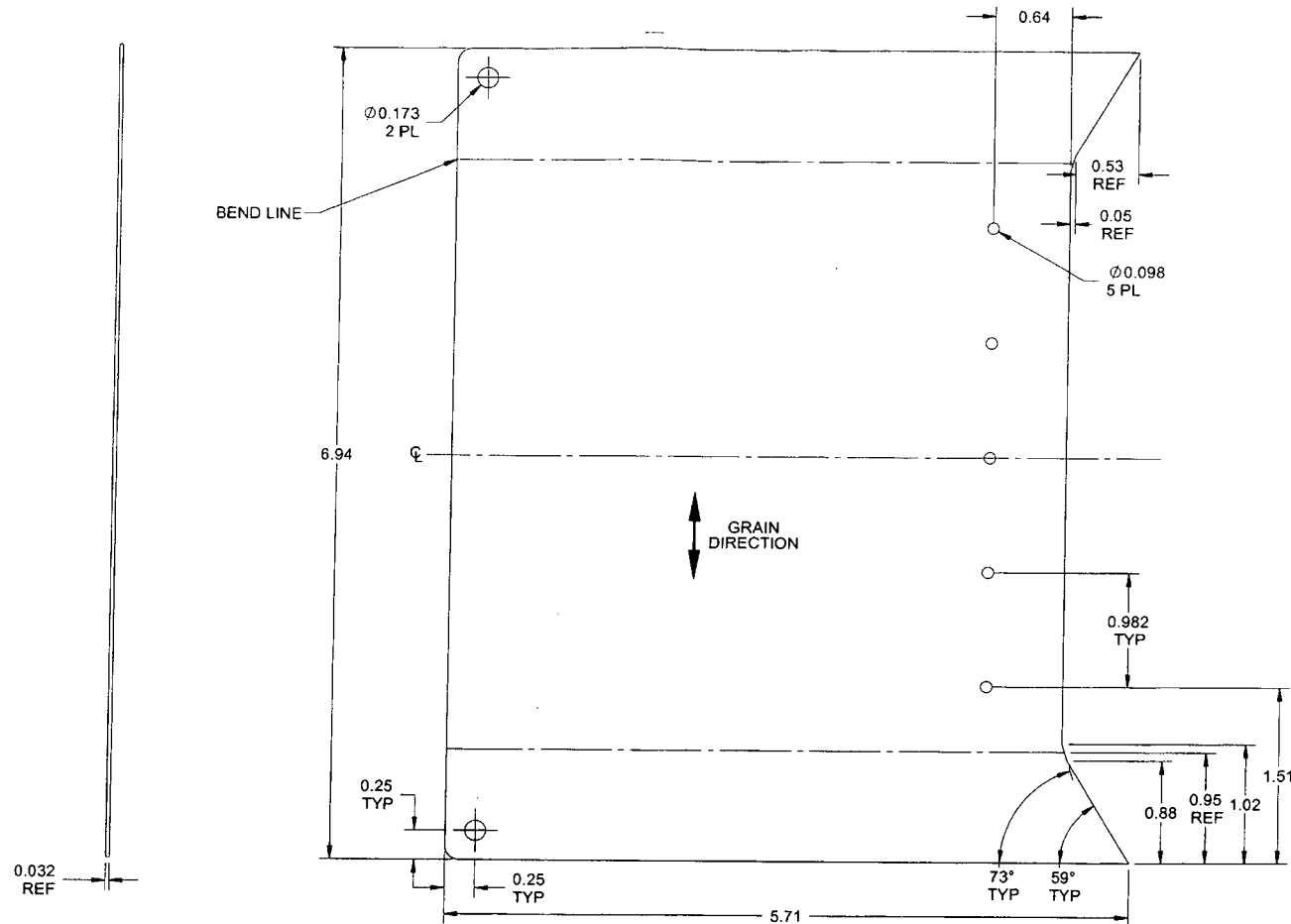
RELEASED  
2012-03-02

**NOTES:**

- 1) MATERIAL: MADE FROM D4008-1F
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.11 lbs

DESIGN	BC	<b>DART AEROSPACE LTD</b>	
DRAWN	BC	HAWKESBURY, ONTARIO, CANADA	
CHECKED	BC	DRAWING NO.	REV. C
MFG. APPR.	BC	D4008	SHEET 3 OF 10
APPROVED	MA	TITLE	SCALE
DE APPR.	MA	SPLASH GUARD	NTS
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**D4008-1F FLAT PATTERN**

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2012-03-02

**NOTES:**

- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET, 0.032 THICK  
PER QQ-A-250/11 OR AMS-QQ-A-250/11  
OR AMS 4025 OR AMS 4027 OR ASTM B209  
REF DART SPEC M6061T6S.032
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.11 lbs

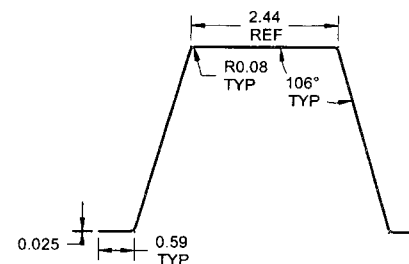
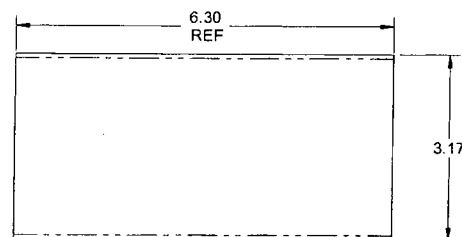
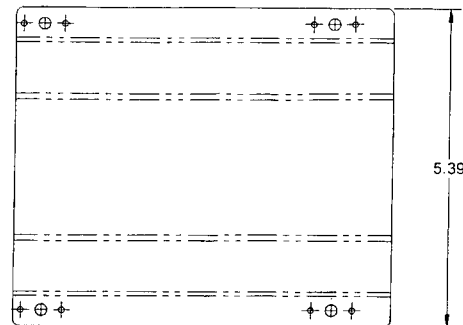
DESIGN		<b>DART AEROSPACE LTD</b>	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. C
MFG. APPR.		<b>D4008</b>	SHEET 4 OF 10
APPROVED		TITLE	SCALE
DE APPR.		<b>SPLASH GUARD</b>	NTS
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DART AEROSPACE  
PART NUMBER

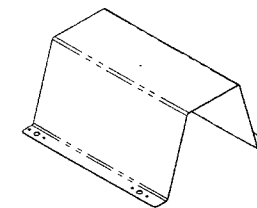
D4008-3

JOHN CAMERON AVIATION  
PART NUMBER

REF JCA-M47-2-29



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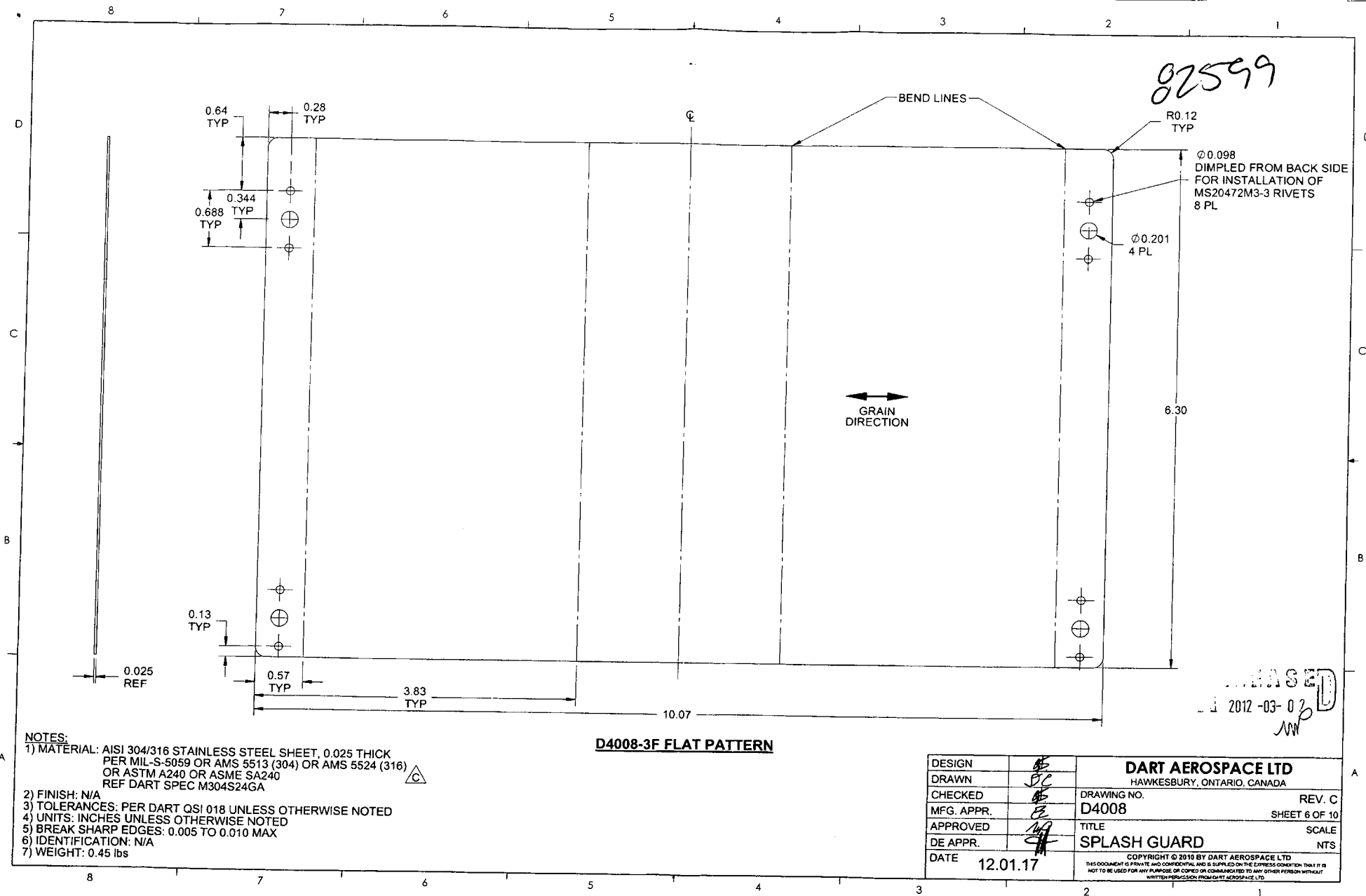
**D4008-3 FUEL PUMP SPLASH GUARD COVER**

**NOTES:**

- 1) MATERIAL: MADE FROM D4008-3F
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.45 lbs

DESIGN	<i>[Signature]</i>	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>[Signature]</i>		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. C
MFG. APPR.	<i>[Signature]</i>	D4008	SHEET 5 OF 10
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	SPLASH GUARD	NTS
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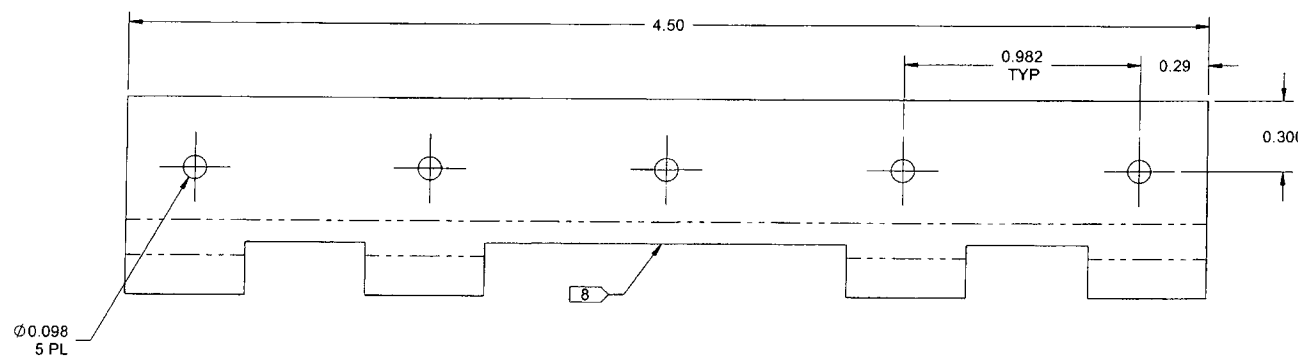
DART AEROSPACE  
PART NUMBER

D4008-5

JOHN CAMERON AVIATION  
PART NUMBER

REF JCA-M47-2-26

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**D4008-5 HINGE HALF**

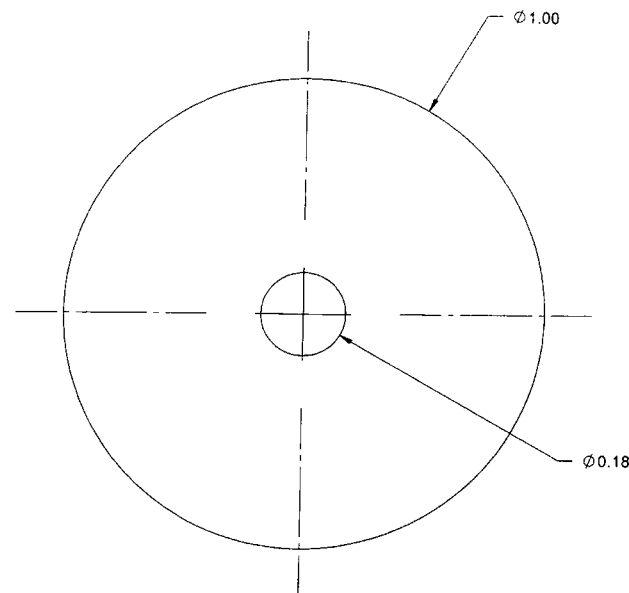
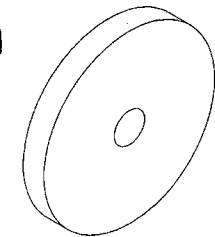
RELEASED  
2012-03-02

- NOTES:
- 1) MATERIAL: MADE FROM MS20001-4 HINGE OR MS20257-3 HINGE
  - 2) FINISH: N/A
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: N/A
  - 7) WEIGHT: 0.02 lbs
  - 8) REMOVE CENTER LUG FROM THIS AREA, FLUSH WITH THIS EDGE

DESIGN	BC	<b>DART AEROSPACE LTD</b>	
DRAWN	BC	HAWKESBURY, ONTARIO, CANADA	
CHECKED	BC	DRAWING NO.	REV. C
MFG. APPR.	BC	D4008	SHEET 7 OF 10
APPROVED	BC	TITLE	SCALE
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DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4008-7	REF JCA-M47-2-26

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**D4008-7 WASHER**

RELEASED  
2012-03-02  
ML

**NOTES:**

- 1) MATERIAL: DELRIN II 150E OR ACETRON GP ACETAL,  $\phi 1.00$  ROUND BAR, BLACK  
REF DART SPEC M-DELRIN-R1.000
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.00 lbs

DESIGN	<i>BC</i>	<b>DART AEROSPACE LTD</b>	
DRAWN	<i>BC</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>BC</i>	DRAWING NO. <b>D4008</b>	REV. C
MFG. APPR.	<i>BC</i>	SHEET 8 OF 10	
APPROVED	<i>BC</i>	TITLE	SCALE
DE APPR.	<i>BC</i>	<b>SPLASH GUARD</b>	NTS
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DART AEROSPACE  
PART NUMBER

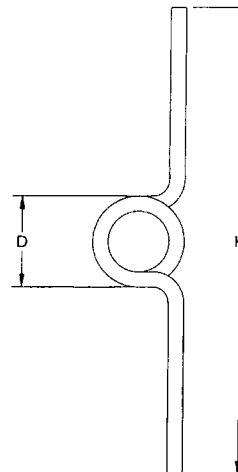
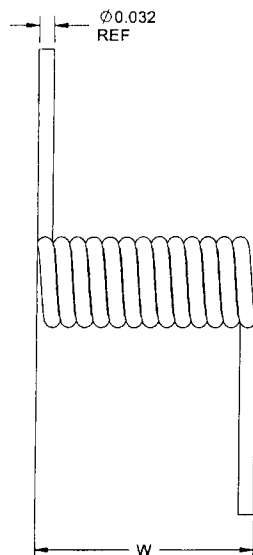
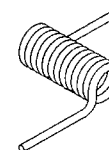
D4008-9

JOHN CAMERON AVIATION  
PART NUMBER

REF JCA-M47-2-26

# **SPECIFICATION CONTROL DRAWING**

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DART P/N	SUPPLIER	SUPPLIER P/N	WIDTH "W"	HEIGHT "H"	DIAMETER "D"	MATERIAL
D4008-9	VICTORY SPRING	N/A	0.46	0.99	0.19	STAINLESS STEEL SPRING WIRE
D4008-9	BELL HELICOPTER	206-031-140-001	0.46	0.99	0.19	STAINLESS STEEL SPRING WIRE

## **D4008-X SPRING**

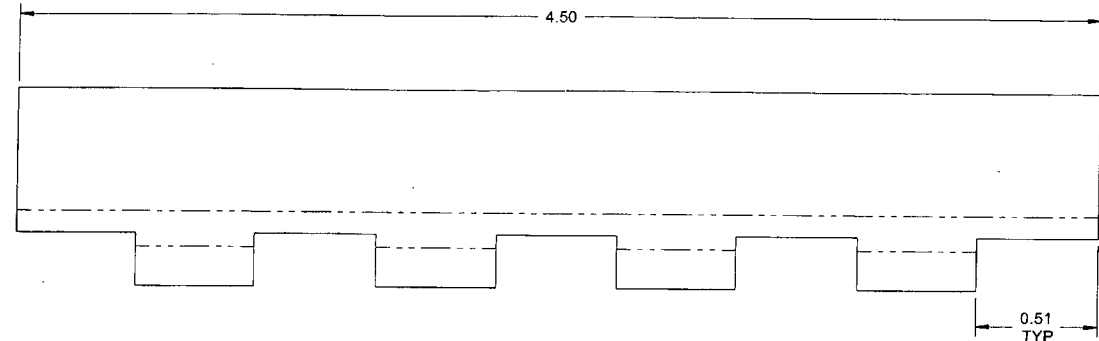
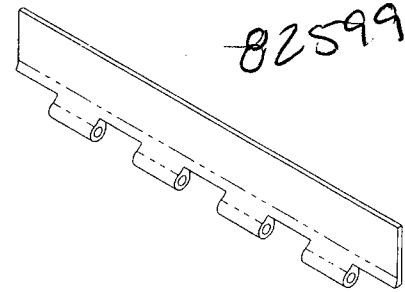
RELEASED  
2012-03-02  
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### **NOTES:**

- 1) MATERIAL: T301 OR 304 STAINLESS STEEL SPRING WIRE Ø0.032 PER ASTM A313
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.00 lbs

DESIGN		<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>BC</i>		
CHECKED	<i>BC</i>	DRAWING NO.	REV. C
MFG. APPR.	<i>BC</i>	<b>D4008</b>	SHEET 8 OF 10
APPROVED	<i>BC</i>	TITLE	SCALE
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**D4008-11 TANK HINGE HALF**

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- NOTES:**
- 1) MATERIAL: MADE FROM MS20001-4 HINGE OR MS20257-3 HINGE
  - 2) FINISH: N/A
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: STOCK AS D4008-11
  - 7) WEIGHT: 0.02 lbs

DESIGN	BC	<b>DART AEROSPACE LTD</b>	
DRAWN	BC	HAWKESBURY, ONTARIO, CANADA	
CHECKED	BC	DRAWING NO. <b>D4008</b>	REV. C
MFG. APPR.	BC	SHEET 10 OF 10	
APPROVED	MA	TITLE	SCALE
DE APPR.	MA	<b>SPLASH GUARD</b>	NTS
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